

H45 Technology

QuickPad IR

User's Manual

H45 Technology
620B Clyde Avenue
Mountain View, CA 94043

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About QuickPad

The QuickPad is a powerful and versatile writing tool designed for today's teachers and students. It allows students the ability to utilize a word processor wherever they chose to work. Teachers and students key in data at their desks, in the library, at home...anywhere! Then simply open up any writing application in either a Mac or PC, point the QuickPad at the infrared receiver and press the send key. Within seconds all of the text has been transferred. We hope you find it to be a convenient and helpful tool.

Please read all instructions carefully before using your new QuickPad.

Unpacking Checklist

QuickPad is shipped in protective foam packaging. Check to see that you have the following:

- ✓ QuickPad
- ✓ Infrared Receiver
- ✓ Keyboard cable PC or MAC
- ✓ User's manual
- ✓ Warranty card registration

Working with QuickPad

QuickPad takes 4 AA batteries. Once the batteries are installed; QuickPad is ready to use. The infrared receiver and keyboard cable is only used for file transfer from QuickPad to PC or MAC. The process to connect is very simple, and will be explained later in the section on connecting your infrared receiver.

Batteries:

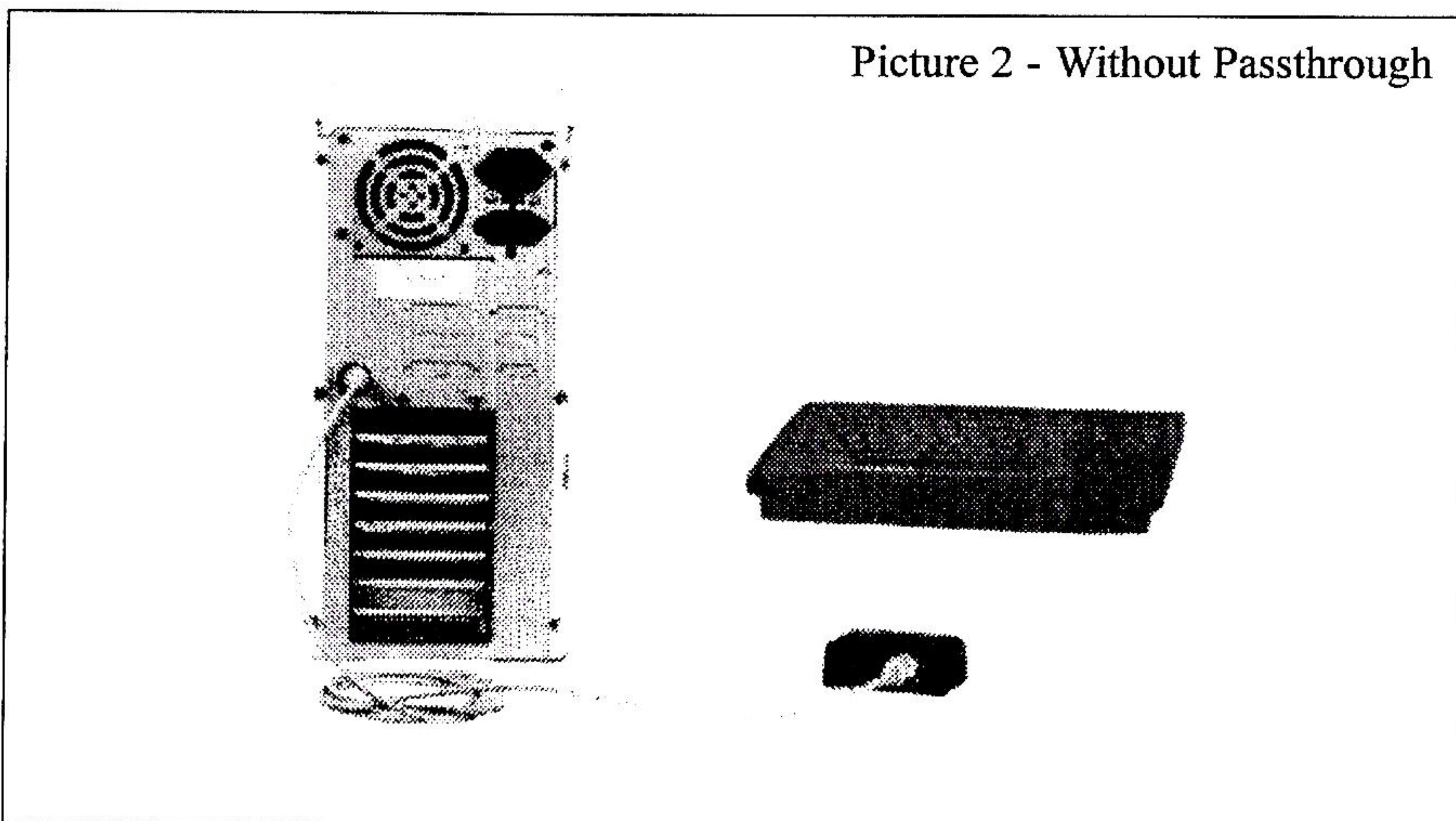
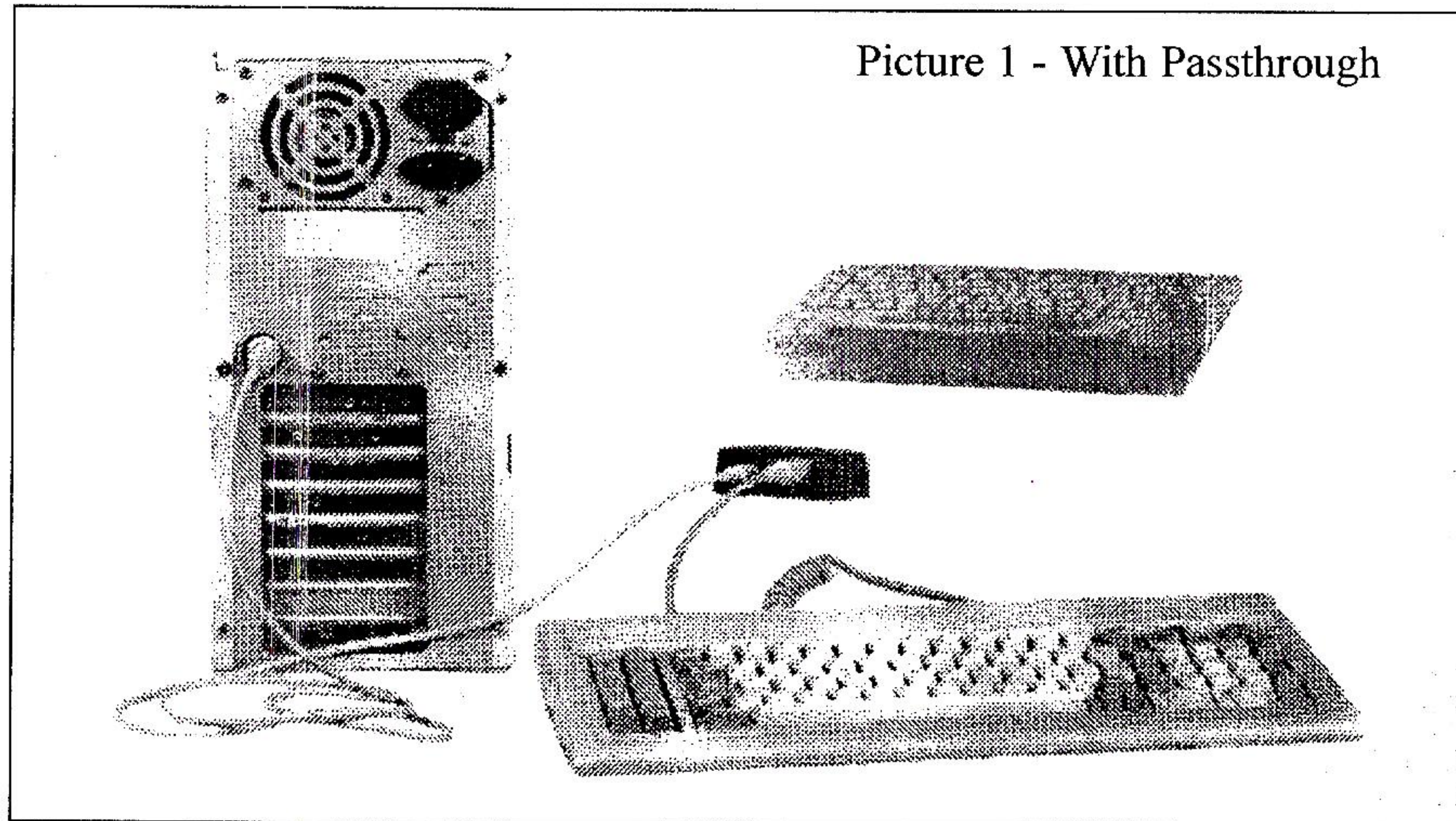
- a) Insert 4-AA Alkaline or NiCad batteries into the battery compartment.
- b) Be sure that the batteries make good contact with the springs.
- c) When the screen starts to dim, and cannot be brightened with the contrast knob, it is time to change the batteries. No data will be lost for 2-3 days without batteries because there is battery backup.

Once the batteries are installed, wait 15 seconds, press the Power On key (three times if the QuickPad is off, once if it is asleep). "Select Folder F1 - F10" will appear. These are intended to be student or subject folders. By pressing one of the "F" keys, you will open that folder.

If the unit does not turn on, it could be one of two things: You may need to press the "FN" key at the lower left corner of the keyboard to initialize the unit. Or you may need to adjust the contrast dial on the back of the QuickPad.

Connecting the IR Receiver:

The infrared receiver can be connected in a "Pass Through" mode or wireless mode. That is, your PC or Mac keyboard cable will pass through the IR receiver then continue on into the back of your computer. Your QuickPad will also work just as a wireless keyboard through the IR receiver. The IR receiver is a passive device, allowing you to work on your computer without any interference. It stands ready to receive files from the QuickPad when they are sent. Please see pictures below:



❖ Your desktop computer must be off to perform these steps.

- Remove the keyboard cable from your computer's keyboard port.
- Plug your keyboard cable into the IR receiver.
- Using the supplied cable, and adapter, if needed, connect the IR receiver to the keyboard port of your computer.
- Mac users can connect the IR receiver between the mouse and the keyboard.
- After you have connected the IR receiver, you can safely turn on your desktop computer. The power LED on the Infrared receiver should be ON.

Beginning and Naming a new file:

Once you open a folder you may begin a new file by pressing the "N" key. A prompt will appear asking you to name your new file. A file name can consist of any printable characters, including spaces. Once you have typed in the name of the new file, press "Enter" to begin typing the contents for that file. Begin typing your document, when you have typed to the end of the first line, the text will automatically "wrap" to the line below. Press "Esc" to return to your folder. (QuickPad stores your files in alphabetical order).

Naming the folder:

To name the folder, open a folder F1-F10 then press Ctrl-F. A prompt will appear asking you to name the folder. Type in the name of your folder - up to ten characters, then press "Enter".

Note- The name that you give to the folder will become that folder's password once the password system has been enabled.

Saving Data:

All data is automatically saved. There are no "save" steps to go through. When you have finished typing, press "Esc" to display that folder or simply press "Power off".

Editing a File

To edit a previously written file open up the folder that contains that file using the up and down arrows on QuickPad's keyboard, point the arrow marker (>) to the file you want to edit. Press "Enter" and the file opens. Now you can enter text. Pressing the up, down, left and right arrows repositions the cursor. The PAGE UP and PAGE DOWN keys move the cursor three lines up or down, allowing you to "scroll" through your document. The HOME and END key returns you to the beginning or to the end of document. Text entry is always in the "insert" mode, which means that the new text you type will not overwrite any existing text. You can, however, remove text. Pressing the DELETE key removes the character at the position of the cursor, and the BACKSPACE key removes the character to the left of the cursor. To create paragraphs in your document, press ENTER twice at the end of a line and you may use the Tab key.

NOTE: QuickPad does not show spaces entered at the beginning of a line. This maximizes utilization of the 40-character-wide screen. Any text you want to print out must be "uploaded" to your PC's word processor, where you can select the fonts and format you like.

Sending, Printing and Deleting Files:

Sending a File

To send a file the Infrared receiver must be connected to the keyboard port of your computer. (see section on IR receive connections). Open any writing application on your PC or Mac and position your word processor's cursor where you want to begin entering the QuickPad Word Processor file. Open a folder F1-F10 on the QuickPad and locate the file you want sent. Place the > in front of your file name, point the QuickPad at the IR receiver and press the "Send File" key. (Your file may be sent while in the edit mode as well). The distance when sending files between the IR and QuickPad should be within the range of 10 inches up to 25 feet.

Deleting a File

You may delete a file while in the folder screen or while in the text or edit mode. To delete while in the folder screen, place the > in front of the file you wish to delete, then press the "Delete File" key. While in the edit or text mode, simply press the "Delete File" key.

Printing a File

Connect the QuickPad to the special printer interface box available as a special purchase from H45 Technology, Inc. Select the file you want to print, then press the "Print" key, your selected file will be printed. Note: Your QuickPad must be connected the the printer interface box before you can use this function. This is an option that is available directly from H45 Technology.

Calculator

When you press press the "Calculator" key from a folder screen, QuickPad's calculator screen appears:

*	Clr	Memory:	0.
/	M+ M-		0.
+	Mc Mr		0.
-		Total:	0.

The commands, on the left of the display, are standard for a four-function calculator with memory.

*	Multiply	Clr	Clear total
/	Divide	M+	Add total to amount in memory
+	Add	M-	Subtract total from amount in memory
-	Subtract	Mc	Clear memory
		Mr	Copy value in memory to total

Calculator functions are entered on the keyboard as follows:

Only the large white numbers on the second row will work in the Calculator mode. For multiplication, press Shift 8. (*). The Clear, /, + and - commands require just one keystroke. M-, Mc, Mr and * (press SHIFT and "8") require two keystrokes. M+ requires that you use the SHIFT key when typing the plus (press "M," then SHIFT and "+"). Pressing ENTER completes an operation. QuickPad's calculator displays answers to twelve-digit accuracy. To exit the calculator, press ESC and QuickPad returns you to a folder.

Keyboard Mode

The QuickPad can enter text directly into your Mac or PC via infrared. Turn your QuickPad on then press the Esc key once or twice until you see "Now entering Keyboard mode". The screen will go blank. Point the QuickPad at the IR receiver and you may now type directly into your Mac or PC. To exit keyboard mode press Power ON/OFF key.

Utilities

Ctrl U allows you to enter the Utility mode. Ctrl U must be pressed while in the folder screen. If after pressing Ctrl U you see "Enter Utility Password" - type in the utility password supplied on a separate sheet of paper entitled "Utility Password". This was shipped with your order and is intended for use only by the teacher.

The Utility functions allows you to change the date and time of QuickPad's clock, adjust upload speed to your PC, minimize power drain on QuickPad's batteries, display the version of software in your QuickPad, check available memory space, initiate password and initialize memory. From a folder screen, press "Ctrl U" and the display looks like this: (You may need to type in the utility password.)

Date	Init	Thursday
Time	Rev	June 19, 1998
Speed	Mem	
Pswrd	Kybd	8:15 AM

QuickPad's Utilities functions appear on the left of the screen. The first letter of each function is the keyboard command.

Date (D)

Pressing "D" allows you to adjust the date of QuickPad's clock using the arrow keys and the plus (+) and minus (-) keys. Up and down arrow keys change the month, left and right arrow keys change the day of the month, and the + and - keys change the year. Press ESC and QuickPad sets the date and automatically calculates the day of the week.

Time (T)

Press "T" to adjust the time with the arrow keys. The up and down arrow keys change the hour, and the left and right arrow keys change the minutes. "ESC" then sets the time and returns you to the Utilities menu. Note: QuickPad's clock is not designed for chronometer accuracy. It is accurate to within a few minutes a day, and provides a means of changing the date at midnight. If the precision of QuickPad's time display is important to you, you should reset the clock periodically.

Rev (R)

"R" displays the version of software in your QuickPad and the date of the revision.

Speed (S)

The Speed utility lets you slow down the upload rate when sending text from the QuickPad to your Mac or PC. Press "S" and QuickPad's screen says, "Upload transmission rate. Enter a number from 0 to 9." (Depending on the speed of your PC and your software, QuickPad may transmit data too quickly and some characters may be lost.) During an upload, each number increment from 0 to 9 adds a delay of five milliseconds between characters. So, entering a value of 9 at the prompt results in a forty-five millisecond delay. Entering a value of 0 selects QuickPad's fastest upload speed. If you notice you're losing characters when you upload, lower the transmission rate by selecting a higher number.

Mem (M)

Pressing "M" displays the number of files and memory space currently available in QuickPad. Tip: It's good practice to delete unimportant files and past Homework to ensure sufficient memory space remains available. Data loss could occur if you exceed QuickPad's memory limits.

Init (I)

This function initializes memory, deleting all files and data. QuickPad is designed to initialize itself automatically the very first time it's powered up, but you can also initialize QuickPad manually. Press "I", then press CTRL-SHIFT-I simultaneously to initialize QuickPad manually. (At this point, you can press ESC to abort the initialization process.)

The screen says, "initializing memory," and then goes blank. Press the FN (function key) and QuickPad will display its Main Menu. Remember that initializing memory deletes all files and data.

Kybd(K)

Allows you select PC or MAC mode. This is important for the upload function when you are transferring files from QuickPad to PC or MAC. Press 1 for PC mode or 2 for MAC mode.

You can leave the QuickPad permanently in Mac mode. In that case it will work for both PC and MAC but the speed of upload in the PC will be slow.

Pswrd(P)

Allows you to enable or disable the password for entering into the student writing folders. When you press P you will be prompted to enter the utility password. This utility password was sent with your QuickPad order and will not be written in this manual. Once entered and accepted, you will find a list of four prompts:

- 1) Create a new utility password
- 2) Delete current utility password
- 3) Disable portfolio protection
- 4) Enable portfolio protection

Numbers one and two are for altering the utility password. Numbers three and four are for enabling or disabling the password for the student writing folders or "portfolio filing system". When the password has been enabled the folder name will become the password.

If you have forgotten the utility password, please call tech support at H45.

QuickPad Specification:

Memory QuickPad has 128K total bytes of memory, 122K available for file storage.

When QuickPad contains a lot of files and data, it's good practice periodically to check the available file and memory space. Just press "M" in Utilities menu. Tip: If QuickPad is nearly full, you can conserve memory space by uploading some important files to your PC or by deleting outdated files.

System Requirements QuickPad works with all IBM or Apple compatible computers with any operating systems. To upload file you have to open any program that accepts text from the keyboard. It could be word processor, Email program, text editor like NotePad or even spreadsheet program.

Batteries and LCD Display QuickPad operates on four AA batteries, either standard alkaline batteries or the rechargeable nickel-cadmium type. Battery quality and life vary among different brands, but most batteries should last up to three months with typical QuickPad use (400 hours of use). Be sure never to mix different battery types, and to replace all four batteries when your batteries are low. To extend battery life, QuickPad's LCD display shuts itself off after sixty-five seconds of keyboard inactivity. Press any key and the display turns back on.

Note: If QuickPad's batteries are low, you'll notice the LCD display dims when you press a key, and that the display responds slowly. QuickPad uses a device called a "super-cap" that maintains the content of its memory for at least two day without any batteries installed.

How to contact us:

Technical Support(650) 961-9114
Fax(650) 964-2426
Web site address<http://www.h45.com>
E-mailh45tech@h45.com

Mailing address:

H45 Technology
620B Clyde Avenue
Mountain View, CA. 94043

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.